

IMAGE FORMING LENS DEVICE

Title:

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Equivalents:

Abstract

PURPOSE: To make it suitable to apply the device to a fingerprint collating device and to perform accurate fingerprint collation by greatly reducing the occurrence of trapezoidal distortion and distortion aberration.

CONSTITUTION: This image forming lens device possesses a front group lens 61 having a rear side focus on a pinhole-like diaphragm 62 and constituting a telecentric system and a rear group lens 63 having a front side focus on the diaphragm 62 and constituting the telecentric system. Even if an object surface 2 is inclined to an optical axis, an excellent image without the trapezoidal distortion and distortion is formed on an image surface 3.

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